

Title (en)

METHOD FOR DETERMINING THE PERFORMANCE OF PHOTOVOLTAIC ASSEMBLIES

Title (de)

VERFAHREN ZUM BESTIMMEN DER LEISTUNGSFÄHIGKEIT VON PHOTOVOLTAIKANLAGEN

Title (fr)

PROCÉDÉ DE DÉTERMINATION DE LA CAPACITÉ DE PUISSANCE D'INSTALLATIONS PHOTOVOLTAÏQUES

Publication

EP 2839303 A1 20150225 (DE)

Application

EP 13724413 A 20130417

Priority

- EP 12165049 A 20120420
- IB 2013053043 W 20130417
- EP 13724413 A 20130417

Abstract (en)

[origin: EP2653880A1] The method involves generating reference data and creating individual data in the same period, while the reference data and the individual data are evaluated. A voltage is determined across a reference strand of a photovoltaic system (1). The current flowing in of one of the multiple measurement strands is determined, while an estimated value of the solar radiation is determined. The solar radiation is incident on a photovoltaic module of the strand during the determination of the current in each measurement strand. An independent claim is included for a performance determination device for determining the performance of components of a photovoltaic system or a photovoltaic system.

IPC 8 full level

G01R 31/40 (2014.01); **H02S 50/10** (2014.01)

CPC (source: EP)

H02S 50/10 (2014.12); **Y02E 10/50** (2013.01)

Citation (search report)

See references of WO 2013156943A1

Citation (third parties)

Third party :

- US 2009012917 A1 20090108 - THOMPSON DANIEL S [US], et al
- US 2008147335 A1 20080619 - ADEST MEIR [IL], et al

Cited by

CN109842155A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2653880 A1 20131023; EP 2839303 A1 20150225; EP 2839303 B1 20181219; ES 2712735 T3 20190514; WO 2013156943 A1 20131024

DOCDB simple family (application)

EP 12165049 A 20120420; EP 13724413 A 20130417; ES 13724413 T 20130417; IB 2013053043 W 20130417